

The following products (code Nos.) are used in our application examples:

- **Pre-polishing**
 - **Circular brush with Chungking bristles.** All qualities are beneficial, especially the converging types. (Please choose your favorite brush from our catalogue, pages 37 to 45).
 - **Lathe brush with black bristles (aluminum center)**

Ø 48 mm	150/48	(SBA 11 100)	(plastic center)	Ø 48 mm	160/48	(SBK 11 100)
Ø 60 mm	150/60	(SBA 11 200)				
 - **Lathe brush with black bristles and calico interleaved**

Ø 48 mm	150L/48	(SBA 11 300)				
Ø 48 mm	150M/48	(SBA 15 100)				
 - **Lathe brush with horsehair (mixed color - medium)**

Ø 48 mm	150H/48	(SBA 11 300)	silver wire (galvanized)	Ø 17 mm	137/17	(MBU 78 100)
Ø 48 mm	150M/48	(SBA 15 100)		Ø 19 mm	137/19	(MBU 78 200)
				Ø 21 mm	137/21	(MBU 78 300)
				Ø 23 mm	137/23	(MBU 78 400)
				Ø 25 mm	137/25	(MBU 78 500)
 - **Miniature brushes, unmounted, steel wire (0.08 mm)**

Ø 17 mm	136/17 S08	(MBU 68 100)	steel wire (0.12 mm)	Ø 17 mm	116/17 S12	(MBH 62 100)
Ø 19 mm	136/19 S08	(MBU 68 200)		Ø 19 mm	116/19 S12	(MBH 62 200)
Ø 21 mm	136/21 S08	(MBU 68 300)		Ø 21 mm	116/21 S12	(MBH 62 300)
Ø 23 mm	136/23 S08	(MBU 68 400)		Ø 23 mm	116/23 S12	(MBH 62 400)
Ø 25 mm	136/25 S08	(MBU 68 500)		Ø 25 mm	116/25 S12	(MBH 62 500)
 - **Miniature brushes, mounted, steel wire (0.08 mm)**

Ø 15 mm	116B/15	(MBH 68 000)				
Ø 17 mm	116/17 S08	(MBH 68 100)				
Ø 19 mm	116/19 S08	(MBH 68 200)				
Ø 21 mm	116/21 S08	(MBH 68 300)				
Ø 23 mm	116/23 S08	(MBH 68 400)				
Ø 25 mm	116/25 S08	(MBH 68 500)				
 - **Miniature brushes, mounted: silver wire (galvanized)**

Ø 15 mm	117B/15	(MBH 78 000)				
Ø 17 mm	117/17	(MBH 78 100)				
Ø 19 mm	117/19	(MBH 78 200)				
Ø 21 mm	117/21	(MBH 78 300)				
Ø 23 mm	117/23	(MBH 78 400)				
Ø 25 mm	117/25	(MBH 78 500)				
 - **Miniature brushes, unmounted:**

Extra-stiff bristles, large diameters						
Ø 21 mm	124/21	(MBU 14 300)		Miniature brushes, mounted:		
Ø 23 mm	124/23	(MBU 14 400)		Extra-stiff bristles, large diameters		
Ø 25 mm	124/25	(MBU 14 500)		Ø 21 mm	114/21	(MBH 14 300)
				Ø 23 mm	114/23	(MBH 14 400)
				Ø 25 mm	114/25	(MBH 14 500)
 - **Miniature brushes, black bristles, unmounted:**

Miniature brushes, black bristles, mounted:						
Ø 17 mm	121/17	(MBU 11 100)		Ø 15 mm	111B/15	(MBH 11 000)
Ø 19 mm	121/19	(MBU 11 200)		Ø 17 mm	111/17	(MBH 11 100)
Ø 21 mm	121/21	(MBU 11 300)		Ø 19 mm	111/19	(MBH 11 200)
Ø 23 mm	121/23	(MBU 11 400)		Ø 21 mm	111/21	(MBH 11 300)
Ø 25 mm	121/25	(MBU 11 500)		Ø 23 mm	111/23	(MBH 11 400)
				Ø 25 mm	111/25	(MBH 11 500)
 - **Miniature brushes, horsehair (medium), unmounted:**

Miniature brushes, horsehair (medium), mounted:						
Ø 17 mm	132/17	(MBU 15 100)		Ø 15 mm	109B/15	(MBH 15 000)
Ø 19 mm	132/19	(MBU 15 200)		Ø 17 mm	109/17	(MBH 15 100)
Ø 21 mm	132/21	(MBU 15 300)		Ø 19 mm	109/19	(MBH 15 200)
Ø 23 mm	132/23	(MBU 15 400)		Ø 21 mm	109/21	(MBH 15 300)
Ø 25 mm	132/25	(MBU 15 500)		Ø 23 mm	109/23	(MBH 15 400)
				Ø 25 mm	109/25	(MBH 15 500)
 - **Miniature brushes, horsehair (medium), mounted:**

Pencil brushes, unmounted:						
Black bristles	130 b	(PIU 11 100)		Black bristles	104 b	(PIH 11 100)
Horsehair (medium)	130 d	(PIU 15 100)		Horsehair (medium)	104 d	(PIH 15 100)
Steel wire	130 s	(PIU 92 100)		Steel wire	104 s	(PIH 92 100)
Silver wire (galv.)	130 f	(PIU 72 100)		Silver wire (galv.)	104 f	(PIH 72 100)
Stainless steel wire	130 v	(PIU 82 100)				
- **High-gloss polishing**
 - **Buffing wheel with cotton cloth, particularly beneficial:**

29a/100KK fine	(SWK 22 200)
29a/100KK coarse	(SWK 23 200)
 - **Lathe brushes with cotton cloth**

Ø 50 mm	156/50	(SBA 22 100)
Ø 90 mm	156/90	(SBA 22 200)
 - **Buffing wheel with chamois leather, particularly beneficial:**

Ø 90 mm	21a/90KK	(SWK 00 100)
Ø 85 mm	21b/85KK	(SWK 00 200)
 - **Lathe brush with chamois leather discs**

Ø 50 mm	154/50	(SBA 00 100)
Ø 90 mm	29 NL/90KK	(SWK 02 100)
 - **Buffing wheel, combined (leather/cloth/leather)**
 - **Miniature brushes, leather discs, unmounted**


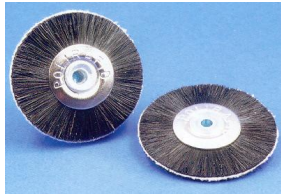












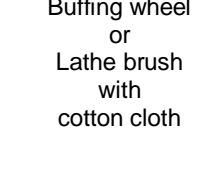
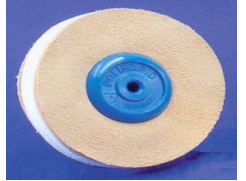



MB, leather discs, mounted						
Ø 15 mm	100 B/15	(MBH 00 000)				
Ø 17 mm	100/17	(MBH 00 100)				
Ø 19 mm	100/19	(MBH 00 200)				
Ø 21 mm	100/21	(MBH 00 300)				
Ø 23 mm	100/23	(MBH 00 400)				
Ø 25 mm	100/25	(MBH 00 500)				
 - **Miniature brushes, combined (leather/cloth/leather) mounted**

Ø 19 mm	102NL/19	(MBH 02 200)
Ø 21 mm	102NL/21	(MBH 02 300)
Ø 23 mm	102NL/23	(MBH 02 400)
 - **Red polishing paste P1** (POP 91 100) **Green polishing paste P2** (POP 92 100)




Polishing Crowns And Bridges

We recommend the following articles in our range of products. In this information brochure we mainly focus on the particularly tricky places for polishing.

				
Black bristles	Lathe brushes Black bristles with calico interleaved	horsehair, medium mixed color	Circular brushes Suprema	
				
Steel wire	Silver wire (galv.)	Extra-stiff bristles	Black bristles	Horsehair (medium)
				
Buffing wheel chamois	Lathe brush chamois	Buffing wheel chamois	Miniature brush chamois	Miniature brush chamois
			Polishing pastes	
Buffing wheel or Lathe brush with cotton cloth	Buffing wheel combined leather and cloth	Buffing wheel combined leather and cloth	Polishing pastes	
				
Pencil brushes horsehair (medium) steel wire	Pencil brushes horsehair (medium) silver wire (galvanized)			

Wishing you good polishing results



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Pre-polishing

The larger, uncomplicated surfaces of crowns and bridges can be pre-polished very easily using our **Circular Brushes with Chungking bristles**. In the case of **hard metals**, such as e.g. titanium, **we recommend** using a brush with extra-stiff bristles (**Suprema Brush**) at the beginning of the polishing process. You can use a brush with stiff bristles (**Prima Brush**) for a **2nd pre-polishing step**, if necessary, and after applying the **Labor Brush** you can finally use the Buffing Wheel with cotton cloth (calico) or leather. For a **soft metal**, on the other hand, we recommend starting the **pre-polishing process** with the **Prima or Labor brush**. The **circular brushes** with up to **4 rows of bristles (converging type)**, with a **maximum speed of 4,000 rpm**, are of particular advantage here.



Example: 3/40/80 Prima HK converging (RPH 34 200)

Our **Lathe Brushes** are particularly well-suited for **polishing the transitions between crown and bridge links**. For a **hard metal** we recommend using a brush with stiff bristles (**black bristles**) and for a **very soft metal**, a soft brush (**horsehair medium mixed color**).

Our range of products also includes a **Lathe Brush with black bristles and calico interleaved (150L/48 mm)**. The **interleaved calico** material has the **advantage** that it absorbs our **red or green polishing pastes**. Recommended speed of 3,000 rpm.



Bristles/calico interleaved 150L/48 mm (SBA 11 200)

The occlusion and approximal contact points of your crown or bridge have been ground in, but you have not yet obtained a silk-matt finish? It is now a question of maintaining these occlusal and approximal contact points also after the polishing.

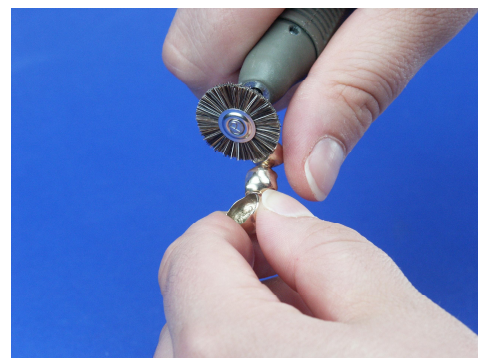
An abrasion-free pre-polishing of metal can be achieved using our Bambino Wheels at a maximum speed of 5,000 rpm. Of particular advantage here is our Bambino Wheel made of silver wire (cast steel galvanized 0.08mm) with an average diameter of 21 mm.



Example: silver wire (galvanized) 117/21 mm

From the basal side, the bridge must show a particularly good surface finish, as this is the area that the patient will find most difficult to keep clean later on.

The interdental spaces and crown margins therefore have to be polished very well. For solving this problem we recommend using our **Miniature Brushes with extra-stiff bristles, black bristles, and horsehair (medium)** at a maximum speed of 7,500 rpm. The extra-stiff bristles with a diameter of 21 mm and more are ideal for hard metals. For very soft metals, a Miniature Brush with horsehair (medium) is preferable.



Example: extra-stiff 114/21 mm (MBH 14 300)

In the meantime, almost all the areas have been pre-polished. Only the **inner surfaces of the crown** are left. In the case of **double crowns**, we need to pay particular attention to this area.

How can these **inner surfaces of double crowns** be polished **without losing the friction?**

We recommend using our pencil brushes at a low speed. The **Silver-wire Pencil Brush** (galvanized cast steel 0.08 mm) is of advantage in this connection due to its hardness. The **Pencil Brushes with black bristles** or **horsehair** (medium) are very well-suited for the final polishing at a maximum speed of **5,000 rpm**, using our **red polishing paste (P1)** or **green polishing paste (P2)**.



Example: silver wire (galv.) 104f (PIH 72 100)

High-gloss polishing

A beautiful, high-gloss finish can be obtained using the **Buffing Wheel with cotton cloth** together with the **red polishing paste P1** or **green polishing paste P2** (maximum speed of 4,000 rpm). Before using a new buffing wheel for the first time, the buffing wheel should be 'ground' slightly using a sharpener. You can also use the Lathe Brush with discs of cotton cloth, of course, which enables a better access to the narrow places.

A buffing wheel or lathe brush of chamois leather is also very well-suited for the high-gloss polishing of metals (recommended maximum speed of 3,000 rpm). In this case, no additional polishing paste is necessary.



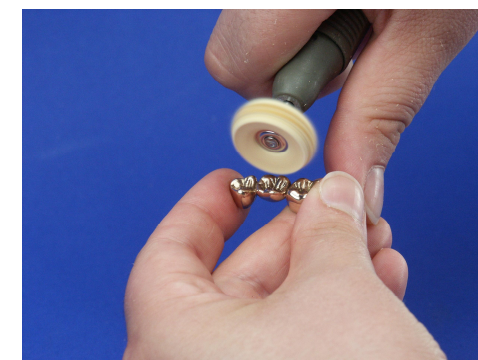
Buffing wheel, cotton cloth (calico) 29/100 mm

Some of our customers also swear by the **Combined Buffing Wheel (leather/cloth/leather)**. Its advantages are a lesser generation of heat, good stability, and an additional absorption of the polishing pastes by the cotton cloth. The combined buffing wheel (recommended speed of 3,000 rpm) is of particular advantage for polishing after completion, especially for the transitions between metal and plastics.

For places that are a bit more tricky, we recommend using our **Miniature Brushes with leather discs** at a maximum speed of 10,000 rpm.



Combined buffing wheel 29 NL/90 mm (SWK 02)



Leather discs 100/21 mm (MBH 00 300)